

ER-2 #809 08/22/12

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 12-9011

Payload Configuration: eMAS, CPL, RSP, AirMSPI, SSFR

Nav Data Collected: Yes

Total Flight Time: 3.6 hours

Comments: This was the inaugural flight for eMAS. CPL, AirMSPI, RSP, and SSFR were piggyback payloads. This was also the 1st flight of CPL with the new sensor mass distribution to alleviate high pod inertias when flying with eMAS. It was also the 1st flight of the new SSFR tilt table. And it was the 1st time we've integrated eMAS, RSP, CPL, and SSFR with the new Experimenter Interface Panel (EIP) configuration. The flight went well. Initial indications, based on in-flight monitoring through NASDAT, were that eMAS performed well.

Submitted by: Timothy Moes on 08/22/12

Flight Segments:

From:	PMD	To:	PMD
Start:	08/22/12 20:00 Z	Finish:	08/22/12 21:18 Z
Flight Time:	1.3 hours		
Log Number:	122014 - Completed as of this flight.	PI:	Jeffrey Myers
Funding Source:	Steven Platnick - NASA - SMD - ESD EOS Project Scientist		
Purpose of Flight:	Science		

From:	PMD	To:	PMD
Start:	08/22/12 21:18 Z	Finish:	08/22/12 23:36 Z
Flight Time:	2.3 hours		
Log Number:	122024	PI:	Jeffrey Myers
Funding Source:	Steven Platnick - NASA - SMD - ESD EOS Project Scientist		
Purpose of Flight:	Science		

Flight Hour Summary:

	92017	102011	112012	122014
Flight Hours Approved in SOFRS	12	12	12	12
Total Used	0	0	0	12
Total Remaining				0

122014 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
08/22/12	12-9011	Science	1.3	1.3	10.7	

142013 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/24/13	14-6004	Science	2.9	2.9	0.6	

132015 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
05/02/13	13-9041	Science	1	1	8.8	
06/21/13	13-9047	Science	2	3	6.8	
07/01/13	13-6038	Science	3.3	6.3	3.5	

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_809_08_22_12#comment-0

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

122024 Flight Reports						
Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
08/22/12	12-9011	Science	2.3	2.3	17.7	
08/28/12	12-9012	Science	1.7	4	16	
08/30/12 - 08/31/12	12-9013	Science	6.2	10.2	9.8	
			122024	132015	142013	
Flight Hours Approved in SOFRS			20			
Flight Hours Previously Approved				9.8	3.5	
Total Used			10.2	6.3	2.9	
Total Remaining					0.6	